

FEL'DMAN, I. Kh., NIKITSKAYA, Ye. S.

Sulfones

Synthesis of aminosulfides and aminosulfones. 3. Synthesis of aminoaryl-B-keto-Sulfones and their derivatives. Zhur.ob.khim. 22(84), No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952. Unclassified.

USSR/Chemistry - Pharmaceuticals

Feb 52

"Synthesis of Aminosulfides and Aminosulfones. VIII. Synthesis of Aminoaryl- β -Ketosulfones and Their Derivatives," I. Kh. Fel'dman, Ye. S. Nikitskaya, All-Union Sci Res Chem-Phar Inst imeni S. Ordzhonikidze, Moscow

"Zhur Obshch Khim" Vol XII, No 2, pp 278-285

Prepd 12 aminoaryl- β -ketosulfones and derivs not described in the literature. Studied acid properties of methylene group in 2 of these: p-acetylaminophenyl-nophenylphenacylsulfone (I) and p-acetylaminophenyl-p'-acetylaminophenacylsulfone (II). Found that (a) H atom of methylene group of I reacts with alkylhalides

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USSR/Chemistry - Pharmaceuticals (Contd) Feb 52

(b) form monoalkyl compds, with aldehydes to form ethylene derivs, while H atom of methylene group of II under same conditions does not react with alkylhalides, but reacts with aldehydes to yield ethylene derivs; (b) ethylene derivs of I and II prepd by reaction with salicylic aldehyde (III) react with Br₂, adding Br in nucleus of III to form dibromides; (c) hydrolysis of acetyl groups of ethylene derivs yields amino compds whose double bonds can not be hydrogenated at normal pressure and room temp or in presence of either Raney Ni or Pt (according to Adams) catalysts.

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FEL'DMAN, I. Kh.

FEL'DMAN, I. Kh.

USSR/Chemistry - Pharmaceuticals

Feb 52

"Synthesis of Aminosulfones and Aminosulfides. IX.
New Type of Diaminosulfones," I. Kh. Fel'dman, A. Ye.
Gavrilova, All-Union Sci Res Chem-Phar Inst imeni
S. Ordzhonikidze, Moscow

"Zhur Obshch Khim" Vol XXII, No 2, pp 286-290

Prepd 10 new diaminosulfones of type $RHNC_6H_4SO_2-$
 CH_2NHR' . The initial product for this synthesis is
p-acetaminophenylmethylsulfone ($CH_3COHNC_6H_4SO_2CH_2OH$),
whose OH group is very mobile. It reacts easily
with NH_3 , primary and secondary amines.

209726

FEL'DMAN, I. Kh.

USSR/Chemistry - Antituberculosis Drugs Jun 52

"Synthesis of 1,1,1-Trichloro-p,p'-Diaminodiphenylethane and Its Derivatives," I. Kh. Fel'dman,
A. I. Zitser, All-Union Sci Res Chem-Phar Inst
imeni S. Ordzhonokidze, Moscow

"Zhur Obshch Khim" Vol XXII, No 6, pp 954-962

Synthesized the amino-analogue of DDT, 1,1,1-trichloro-p,p'-diaminodiphenylethane, and the corresponding ethylene. Contrary to foreign reports on the high tuberculostatic activity of these compds (cf. S. Kirkwood, P. H. Phillips, J Am Chem S, Vol LXIX, p 934, 1947), found them rather inactive.

218P17

Feldman, L. K.

Properties of some derivatives of benzoic acid [A. K. Feldman and A. M. Elinin (USSR Inst., Acad. Med.)]

J. Russ. Phys. Chem. Soc. 18, 625 (1896); J. Russ. Phys. Chem. Soc. 19, 504 (1898). To 8 ml concd HCl and 4.5 g Cu salt of 2-nitrobenzoic acid (I) at 70° was slowly added 9 g NaBH₄. After the initial stirring 40 min, decanted and washed; the excess salt was neutralized with 20% NaOH solution, and the filtrate reduced with Al(OH)₃ until no Cu(II) was present. Chromatography and (III), m. 214.5°, was obtained. Heating I in Bu₄N⁺ in the presence of HgSO₄ gave 1,4-dinitro-5,6-dihydro-2H-pyran (IV), m. 182.5°, also formed from I and Cu(II) in EtOH and HgSO₄. Heating I in EtOH with SnCl₄ gave 1,4-dinitro-5,6-dihydro-2H-pyran (V), m. 182.5° (from EtOH), also formed in 70% yield from the 4-oxo-5-oxime of the acid and Bu₄N⁺ after 3 hrs. at 70°. Meth. A similarly gave 82.6% 1,4-dinitro-5,6-dihydro-2H-pyran, m. 35.6° (from EtOH), and 90% Bu₄N⁺ ester of 5-aminoacrylic acid (VI), b.p. 205.7° (HCl salt m. 151.3°). VI is also obtained by reduction of the nitro analog with Sn at below 50°. Similarly was obtained 90.1% Bu₄N⁺ ester of 5-aminoacrylic acid, m. 93.4° (from 50% EtOH). Heating 1.5 g. I in Bu₄N⁺ nitrochloride with 10 ml. Bu₄N⁺ in sealed tube 6 hrs. at 90–20° gave 81.2% Bu₄N⁺

ester of 5-nitroacrylic acid, m. 48.5°, ν_{max} 3350 cm⁻¹, the reaction extremely sluggish at room pressure. Similarly was formed 88% of the 4-nitro-5-oxime, b.p. 195.8°. Hydrolysis of the latter with 6% alc. KOH 1 hr. at room temp. gave 95.8% 1-nitro-2-hydroxybenzoic acid, m. 124.6° (from 50% EtOH), which reduced with Sn-HCl under 85° to the 4-amino analog, 68.7%, decomp. 163° (from EtOH). Heating 10 g. I with 5 g. p-pht. Cr and 75 ml. H₂O 3 hrs. gave 8.1 g. *p*-O₂NC₆H₄CO₂H; the same reaction run in (CH₂OH)₂ also gave the same product along with its cyclohexane-ether, C₆H₁₀O₄N, m. 67.4°. G. M. Korolapoff

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1. THE BOMBING OF THE TWA AIRPORT

On April 5, 1945, two Boeing B-17 bombers, serial numbers 42-33595 and 42-33596, flying from a base in northern France, were enroute to Berlin. The bombers were carrying a total of 10,000 pounds of incendiary bombs. At approximately 1000 hours, the lead plane, piloted by Captain W.H. Gandy and co-piloted by Captain J.W. Hulsey, was flying at 20,000 feet over the North Sea when it was hit by anti-aircraft fire. The aircraft exploded and crashed into the water near the island of Texel, Netherlands. The second plane, piloted by Captain R.C. Jackson and co-piloted by Captain R.L. Thompson, was flying at 20,000 feet when it was hit by anti-aircraft fire. The aircraft exploded and crashed into the water near the island of Texel, Netherlands. Both planes had been flying at 20,000 feet because they were following a flight plan which had been established by the British Royal Air Force. The flight plan called for the bombers to fly at 20,000 feet until they reached the target area, at which point they would descend to 10,000 feet to drop their bombs. However, the two planes had descended to 10,000 feet before reaching the target area, and as a result, they were hit by anti-aircraft fire.

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FBI MEMO

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RE: C.I.A. - Mexico
Subject: [redacted]
Date: [redacted]
EX-1
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]

*mother, in the U.S. from frontiers to Alaska. This
group has originated in the U.S. and has been operating
designed to [redacted] in the U.S. and Canada.*

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Synthesis of leucon bases and dyes of the leuconimine class.
H. J. J. Beldman and A. C. A. 48, 33 (64).

114

Synthesis of leuco bases and dyes of triphenylmethane
series III I. Kh. Feldman and A. Zilser (S. Ord.
Inst. of Org. Chem., Russian Acad. Sci., Moscow)
J. Russ. Phys. Chem. Soc. 1895, 13, 46

Using some "The water-soluble base taken up in AcOH and
dil. with H₂O gave a red solid (isomeric) on heating. Its
analysis indicates the formula C₂₁H₁₆N₂. Trying to
reduce leads to tar form."

IIA (1 g.) was heated 2 hrs. to 100° in 10 ml. 10% NaOH,
filtered, cooled, and neutralized with H₂SO₄, gave 55%
N-(*p*-H₃NC₆H₄SO₃) m. 104-6°. II (0 g.) in 30 ml. EtOAc
contg. 15% dry HCl treated at 0-3° with 3 ml. fresh
AmONO in EtOAc over 1 hr., and kept 3 hrs. at 5-6°,
and overnight at room temp. gave 6.2 g. *β*-acetamido-*β*-
hydroxy-*β*,*β*-dimethoxyfuranone-HCl (III), decomp. 125-
7° (contg. 1 mol. Et₂O after treatment with Et₂O 2-3 hrs.
for purification). Washing with H₂O causes the loss of Cl,
yielding a noocryst. base; treatment with NaOAc gives a

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6. In a similar manner, 1.7 g. of the product obtained from the spontaneous reaction which yielded 4-acetamidoacetophenone was treated with 1.0 g. of 2-hydroxy-4-acetamidoacetophenone and 1.0 g. of 2-hydroxy-4-acetamidoacetophenone. After treatment with 1.0 g. of 2-hydroxy-4-acetamidoacetophenone, the mixture was heated at 100° for 1 hr. and then cooled to room temperature. The mixture was then heated slowly with 10 ml. of EtOH and 1.0 g. of 2-hydroxy-4-acetamidoacetophenone. After heating at 65-80° with 1.0 g. of 2-hydroxy-4-acetamidoacetophenone for 3 hrs. at 80°, the mixture was cooled with warm water, yielding 40% of the product, m. 135-136° (from EtOH). This 2 g. product was again heated at 65-80° with 1.0 g. of 2-hydroxy-4-acetamidoacetophenone for 3 hrs. at 80°. After cooling with warm water, yielding 40% of the product, m. 135-136° (from EtOH).

1 g. reduced with 15 ml. 5% Pd/C in EtOH gave 40% of the product, m. 135-136° (from EtOH). Reducing 1.0 g. of the product with 10 ml. of EtOH gave 40% of the product, m. 135-136° (from EtOH). Reducing 1.0 g. of the product with 10 ml. of EtOH and 1.0 g. of 2-hydroxy-4-acetamidoacetophenone gave 40% of the product, m. 135-136° (from EtOH). Similarly was obtained 40% of the product, m. 135-136° (from EtOH-H₂O), 1.2 g. of 2-hydroxy-4-acetamidoacetophenone, 1.0 g. of 2-hydroxy-4-acetamidoacetophenone, m. 135-136° (from EtOH), and 11.25 g. 2-hydroxy-4-acetamidoacetophenone, m. 141-2°. The same result was obtained on attempting acylation of the acetamido group.

M. Kondo

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Condensation of *p*-bromamide groups in a polymer
a polymerizing with ~~the same~~ ~~the same~~

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FEL'DMAN, I.Kh.; USOVSKAYA, V.S.

Condensation of p-butoxyaminobenzene and 2-butoxy-5-aminopyridine
with aldehydes. Soob.o nauch.rab.chl.VKHO no.l:7-10 '54.
(MIRA 10:10)
(Aniline) (Pyridine) (Aldehydes)

FEL'DMAN, I. Kh.

FEL'DMAN, I. Kh.; USOVSKAYA, V.S.

Thiosemicarbazones of certain aldehydes and ketones. Soob.o
nauch.rab.chl.VKHO no.3:45-46 '54. (MIRA 10:10)
(Semicarbazones)

FEL'DMAN, I.Kh.; CHZHI CHZUN-TSJI [Chih Chung-chi]

Syntheses in the pyrimidine series. Part 1: N-(2-pyrimidyl) amino acids. Zhur. ob. khim. 30 no.11:3832-3835 N'60.
(MIRA 13:11)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(Pyrimidine) (Amino acids)

FEL'DMAN, I.Kh.; CHZHI CHZHUN-TSZI [Chih Chung-chi]

Syntheses in the pyrimidine series. Part 2: Pyrimidines substituted
in the 2 and 6 positions. Zhur. ob. khim. 30 no.11:3835-3839 N'60.
(MIRA 13:11)

1. Leningradskiy khimiko-farmatsvticheskiy institut.
(Pyrimidine)

FEL'DMAN, I.Kh.; KHEYFETS, G.M.

Syntheses in the primidine series. Part 3: Preparation of some alkylaminoalkylpyrimidyl sulfides and compounds closely related to them. Zhur. ob. khim. 31 no.3:755-758 Mr '61. (MIRA 14:3)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(Sulfieds) (Pyrimidine)

UDMAN, I.Kh.; MIKHAYLOVA, V.N.

Amino sulfides and amino sulfones. Part 19: Addition of o-
and p-nitrophenyl sulfides to α,β -unsaturated compounds.
Zhur. ob. khim. 31 no. 7:2115-2119 Ju '61. (MIRA 14:7)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(Sulfides) (Unsaturated compounds)

KOROBKOV, V.S.; VOROPAYEVA, A.V.; FEL'DMAN, I.Kh.

Absorption spectra of some thiopyridones and pyridyl sulfides.
Zhur.ob.khim. 31 no.9:3136-3140 S '61. (MIRA 14:9)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(Pyridone--Spectra) (Pyridine--Spectra)

33922

S/079/62/032/002/007/011
D243/D303

5. 2630
AUTHORS: Fel'dman, I.Kh. and Berlin, A.I.

TITLE: Synthesis of stereoisomeric cyclic phosphorus organic compounds

PERIODICAL: Zhurnal obshchey khimii, v. 32, no. 2, 1962, 575-579

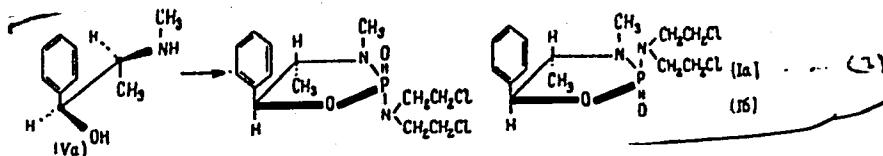
TEXT: In the present investigation all the theoretically possible 3-dimensional isomers of the cyclic, phosphamide esters of 3,4-dimethyl-5-phenyl - 2-N'-bis-(β -chloroethyl)-amine-2,1,3 -phosphoxazolidine were obtained by condensation of N-bis (β -chloroethyl) dichlorophosphoxamide and optically active d - and l- ephedrine. Cyclic phosphamide stereochemistry, especially the difference in physiological activity between dextro and laevo forms of asymmetric phosphorus organic compounds, is stated to be of great interest for treating certain forms of cancer. The condensation of d-pseudoephedrine and N-bis (β -chloroethyl) dichlorophosphoxamide: a solution of 36.9g. of d-pseudoephedrine in 600 ml. of dry benzene was added, drop by drop, with stirring, over 40-50 minutes, X

Card 1/5

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D243/D303

Synthesis of stereoisomeric ...

to a solution of 19.3g. N-bis-(β -chloroethyl)-dichlorophosphoxamide in 100 ml. of dry benzene, the reaction temperature not exceeding 30°C. After stirring for 4 hours, the d-pseudoephedrine chlorhydrate precipitate (29.4g) was filtered off, the filtrate vacuum-evaporated and the residue recrystallized frequently for 1-2 days. A solution of the latter in absolute alcohol was diluted with dry ether until it clouded, boiled for 3-5 minutes with wood charcoal and kept in a refrigerator for 24 hours. After filtration and vacuum evaporation the residue was redissolved in benzene and, on adding a small quantity of ether, product Ia Eq.(2) separated out, followed by a mixture of the latter and its diastereoisomer, Ib Eq.(2).



Card 2/5

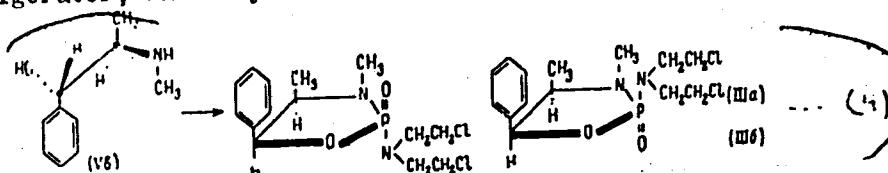
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D243/D303

Synthesis of stereoisomeric ...

After fractional crystallization from ether 7.9g. of Ia and 7.5g of Ib were obtained. The condensation of d-ephedrine and N-bis-(β -chloroethyl)-dichlorophosphoxamide: a solution of 32.5g. of d-ephedrine in 50 ml. of absolute ether was added, while stirring, over 2 hours to a solution of 17g. N-bis-(β -chlorethyl)-dichlorophosphoxamide in 200 ml. absolute ether. After being kept for 2 hours at 18°C, stirring was continued for 16 hours while the solution boiled. The ether solution was separated from the d-ephedrine chlorhydrate formed, boiled for 10 minutes with wood charcoal, filtered, evaporated to 200-250 ml. and left for 2-3 days in a refrigerator, when crystals of substance IIIa separated Eq.(4).



The mother liquor was diluted with absolute ether and the resultant clear

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D243/D303

Synthesis of stereoisomeric ...

solution poured off and evaporated to 50-60 ml. After standing for 10-15 days crystals of IIIa formed again. This cycle was repeated until crystals of IIIb appeared. After frequent crystallization from benzene-ether mixture and from ether Gg. of IIIa and 2.8g. IIb respectively were obtained. The reactions with α -pseudoephedrine, d_1l -pseudoephedrine, l -ephedrine and d, l -ephedrine were carried out in a similar way. Details of the products are given. The authors state that the substances obtained are the first examples of optically active phosphorus organic compounds in which there are two asymmetric carbon atoms and an asymmetric phosphorus atom. There are 1 table and 31 non-Soviet-bloc references. The 4 most recent references to the English-language publications read as follows: H.S. Aaron, J. Braun and Th.M. Shryne, J.Am.Chem.Soc., 82, 597 (1960); G.M. Campbell and I.K. Way, J.Chem.Soc., 1960, 5034; M. Green and R.F. Hudson, J. Chem. Soc., 1960, 3129; O.M. Friedman, Proc.Am. Ass. Canc. Res. 3, 112, (1960), re. 86.

ASSOCIATION: Leningradskiy khimiko-farmatsevticheskiy institut

Card 4/5

Synthesis of stereoisomeric ...

33922
S/079/62/032/002/007/011
D243/D303

(Leningrad Chemical and Pharmacological Institute)

SUBMITTED: January 5, 1961

X

Card 5/5

FEL'DMAN, I.Kh.; KHEYFETS, G.M.

Synthesis of Somnevrine. Med. prom. 15 no.12:17-18 D '61.
(MIRA 15:2)

1. Leningradskiy khimiko-farmaceuticheskiy institut.
(THIAZOLE)

FEL'DMAN, I.Kh.,; VOROPAYEVA, A.V.,; RUNINOVICH, L.D.

Oxidation of p-nitrotoluene up to p-nitrobenzoic acid. Trudy
Len. khim.-farm. inst. no.14:29-30 '62 (MIRA 17:2)

FEL'DMAN, I.Kh.

Amino sulfides and amino sulfones. Part 21: Reaction of nitro-benzene sulfochlorides with amino acids. Zhur.ob.khim. 32 no.4; 1039-1042 Ap '62. (MIRA 15:4)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(Benzenesulfonyl chloride) (Amino acids)

FEL'DMAN, I.Kh.; Prinimali uchastiye: ZORINA, L.M., studentka; SHTOK,
E.Sh., student; STEPANOVA, R.I., studentka

Amino sulfides and amino sulfones. Part 22: Reaction of
sulfonmethylation of amino acids. Zhur.ob.khim. 32 no.4:1043-
1046 Ap '62. (MIRA 15:4)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(Amino acids) (Sulfones)

YEL'DMAN, I.Kh.; MIKHAYLOVA, V.N.

Amino sulfides and amino sulfones. Part 20: Addition of arylsulfinic acids to unsaturated α , β -compounds. Zhur. ob. khim. 32 no.3:944-949 Mr '62. (MIRA 15:3)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(Sulfinic acids) (Unsaturated compounds)

FEL'DMAN, I.Kh.; MIKHEYEVA, L.F.; Prinimali uchastiye: BOCHKOVA, V.P.;
BRIKER, A.V.

Amino sulfides and amino sulfones. Part 25: Addition of
p-acetoaminophenylsulfinic acid to certain aldehydes. Zhur.-
ob.khim. 32 no.4:1046-1050 Ap '62. (MIRA 15:4)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(Benzenesulfinic acid) (Aldehydes)

FEL'DMAN, I.Kh.; BERLIN, A.I.

Synthesis of stereoisomeric cyclic organophosphorus compounds.
Part 2: Cis- and trans-isomeric derivatives of cyclically bound
phosphorus. Zhur.ob.khim. 32 no.5:1604-1607 My '62.
(MIRA 15:5)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(Phosphorus organic compounds) (Stereochemistry)

FEL'DMAN, I.Kh.; BEL'TSOVA, N.N.; GINESINA, A.A.

Synthetic ephedrine obtained from propionic acid. Zhur.prikl.-
khim. 35 no.6:1364-1367 Je '62. (MIRA 15:7)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(Ephedrine) (Propionic acid)

FEL'DMAN, I.Kh.; FRANKOVSKIY, Ch.S.

Synthesis of some substituted azo derivatives of benzene. Zhur.ob.
khim. 32 no.7:2115-2118 Jl '62. (MIRA 15:7)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(Benzene) (Azo compounds)

FEL'DMAN, I.Kh.; HERLIN, A.I.

Synthesis of cyclic stereoisomeric organophosphorus compounds. Part 3: Stereospecificity of the reaction of cyclic phosphoramido ester formation. Zhur.ob.khim. 32 no.10:3379-3381 O '62. (MIRA 15:11)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(Phosphoric triamide)

KOROSTOV, Ye.M.; FEL'DMAN, I.Kh.; SUKHORUCHENKO, M.S.

Adopt the method of hydrolysate neutralization with ammonia water.
Gidroliz. i lesokhim.prom. 16 no.3:23-24 '63. (MIRA 16:5)

1. Vostochno-Sibirskiy sovet narodnogo khozyaystva.
(Hydrolysis)

FEL'DMAN, I. Kh.; MIKHAYLOVA, V. N.

Sulfamides and amino sulfones. Part 26: Synthesis of some derivatives of 2-methyl-5-nitro- and 4-methyl-3-nitrobenzenesulfonic acids. Zhur. ob. khim. 33 no.1:38-42 '63.
(MIRA 16:1)

1. Leningradskiy khimiko-farmatsevticheskiy institut.

(Benzenesulfonic acid)

FEL'DMAN, I. Kh.; VOROPAYEVA, A. V.

Syntheses in the pyridine series. Part 2: Alkylation of 2-
and 4-mercaptopuridines with haloalkyl nitriles. Zhur. ob. khim.
33 no.1:269-273 '63. (MIRA 16:1)

1. Leningradskiy khimiko-farmatsevticheskiy institut.

(Pyridine) (Alkylation)

FEL'DMAN, I.Kh.; VINOKUROVA, N.M.

Synthesis of amino sulfides and amino sulfones. Part 27;
Synthesis of some salicylic acid sulfonamides. Zhur. ob. khim.
33 no. 2:394-396 F '63. (MIRA 16:2)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(Salicylic acid) (Sulfonamides)

FEL'DMAN, I.Kh.; FRANKOVSKIY, Ch.S.

Synthesis of some substituted azo derivatives of benzene.
Pt.2. Zhur. ob. khim. 33 no.3:906-910 Mr '63. (MIRA 16:3)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(Benzene)
(Azo compounds)

FEL'DMAN, I.Kh.; MIKHAYLOVA, V.N.

Amino sulfides and amino sulfones. Part 28: Mechanism of the
reaction of addition of aryl sulfinites to α,β -unsaturated compounds.
Zhur.ob.khim. 33 no.7: 2111-2115 Jl '63. (MIRA 16;8)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(Sulfinic acids) (Unsaturated compounds)

FEL'DMAN, I.Kh.; MIKHEYEVA, L.F.; Prinimala uchastiye GORININA, R.M.

Amino sulfides and amino sulfones. Part 29: Reaction of
p-acetaminophenyl hydroxymethyl sulfone with amines. Zhur.ob.khim.
33 no.7:2116-2119 Jl '63. (MIRA 16:8)

1. Leningradskiy khimiko-farmatsevticheskiy institut.
(Acetanilide) (Amines)

FEL'DMAN, I. Kh.; VOROPAYEVA, A.V.

Syntheses in the pyridine series. Part 5: Nucleophilic
addition of thiopyridones to α,β -unsaturated compounds.
Zhur. ob. khim. 34 no. 5:1547-1548 My '64. (MIRA 17:7)

1. Leningradskiy khimiko-farmatsevticheskiy institut.

ACC NR: AR6022387 (N) SOURCE CODE: UR/0397/65/000/024/0065/0065
AUTHOR: Fel'dman, I. Kh.; Frankovskiy, Ch. S.; Yamshchikov, V. P.; 39
Mordvinova, Ye. T.; Maryukhta, Yu. B.; Zaikina, N. A.; Vitovskaya, G. A.;
Arkad'yeva, G. Ye.

TITLE: Azo-derivatives of benzene as potential antibacterial compounds.
I. b

SOURCE: Ref. zh. Farmakologiya. Toksikologiya, Abs. 24.54.512

REF SOURCE: Tr. Leningr. khim.-farmatsevt. in-ta, vyp. 18, 1965, 171-172

TOPIC TAGS: benzene, chemical compound, microorganism contamination,
bacteria, plant parasite

ABSTRACT: An in vitro method of serial dilutions was used to test the activity of several synthetic azo-compounds in relation to dermatophytes, some gram positive and gram negative bacteria and two species of yeastlike molds. All the tested azo-compounds containing a carboxylic group proved inactive. The exception was 2,4-dichlor-3-carboxy-4'-oxyazobenzol. The azo-compounds displayed highest activity in relation to Cr. neoformans, weaker activity in relation to dermatophytes, and the weakest in relation to Candida albicans. Only

Card 1/2

UDC: 615.7

11023-66

ACC NR: AR6022387

certain azo-compounds displayed antibacterial and antivirus action. The highest in vitro activity was displayed by 2,4-dichlor-4'-methyl-4-oxyazobenzol and 2,4-dichlor-4'-oxyazobenzol which proved most effective in relation to yeastlike molds and dermatophytes and weakest in relation to bacteria. M. Zabolotskaya. Translation of abstract.^D

SUB CODE: 06, 07

Card 2/2 MT

BEK-KAZAROV, P.T., dots.; VASENIN, N.I.; KAMINSKIY, Ya.A., dots.;
ORLOV, G.F., dots.; PASHKOV, B.I., dots.; SEREBRYAKOV, S.V.,
prof.; FEL'DMAN, I.M., dots.; STARCHAKOVA, I.I., red.;
MAMONTOVA, N.N., tekhn. red.

[The organization and techniques of trade]Organizatsiya i tekhnika torgovli. [By]P.T.Bek-Kazarov i dr. Moskva, Gostorgizdat, 1962. 464 p.
(MIRA 16:2)

1. Nachal'nik otdela truda i zarabotnoy platy Ministerstva torgovli RSFSR (for Vasenin).

(Commerce)

NEKHAY, Stepan Matveyevich, kand. tekhn. nauk; MTSHYNA,
Valentina Mikhaylovna, inzh.; FEL'DMAN, Ill'ya
Osipovich [Fel'dman, Illia Iosypovich], kand. tekhn.
nauk, döts., retsenzent

[Modern hydraulic presses] Suchasni hidravlichni presy.
Kyiv, Derzhtekhvydav URSSR, 1962. 107 p.

(MIRA 18:6)

BAKALOV, S.A.; BELOUSOV, V.P.; BRATSEV, L.A.; VODOLAZKIN, V.M.;
YEROSHENKO, V.N.; ZHUKOV, V.F.; LUBAN, S.A.; MARKIZOV, L.P.;
NADEZHIN, A.V.; NOVIKOV, F.Ya.; PONOMAREV, V.D.; POTRASHKOV,
G.D.; ROZHDESTVENSKIY, S.I.; TROFIMOV, S.V.; FEL'DMAN, I.R.;
FOYSEL', D.O.; KHRUSTALEV, L.N.; CHURUKSAYEV, I.I.;
KONDRAT'YEVA, V.I., red.

[Theory and practice in the study of frozen ground in construction] Teoriia i praktika merzlotovedeniia v stroitel'stve. Moscow, Nauka, 1965. 187 p. (MIRA 18:4)

1. Moscow. Nauchno-issledovatel'skiy institut osnovaniy i podzemnykh sooruzheniy. Severnoye otdeleniye.

GINZBURG, L.M., glavnnyy inzhener; FEL'DMAN, I.Ya., glavnnyy mekhanik.

Complete mechanization of transport operations in building a skyscraper.
Mekh. trud. rab. 7 no.11:30-35.
(MLRA 6:12)

1. Trest Osobstroy.
(Transportation, Automotive) (Hoisting machinery) (Skyscrapers)

TSYGANOV, Aleksandr Spiridonovich; SHESTERNIN, P.S., kand. tekhn. nauk,
retsenzent; FEL'DMAN, I.Ye., inzh., retsenzent; MISHARINA, K.D.,
red.izd-va; MIKHAYLOVA, V.V., tekhn. red.

[Production of secondary nonferrous metals and alloys; manual
for training and raising the qualification of workers] Proiz-
vodstvo neferzchnykh tsvetnykh metallov i splavov; posobie dlia
podgotovki i povysheniia kvalifikatsii rabochikh. Moskva,
Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metal-
lurgii, 1961. 301 p. (MIRA 15:1)
(Nonferrous metals—Metallurgy)

BAZILEVSKIY, Viktor Mamertovich; ISTRIN, Mikhail Aleksandrovich; BARTASHOV,
Igor' Leonidovich; LYUBALINA, Soviya L'vovna; BEZNIK, Iosif
Davydovich; SULPACIN, A.I., kandidat tekhnicheskikh nauk, retsenzent;
VISSARIONOV, B.O., inzhener, retsenzent; KRAZHENNIKOV, S.S.,
retsenzent; FEL'DMAN, I.Ye., retsenzent; YAFAYEV, L.V., retsenzent;
KOMAYINA, O.A., redaktor izdatel'stva; MIKHAYLOVA, V.V., tekhnicheskiy redaktor

[Secondary nonferrous metals; a reference manual] Vtorichnye tsvetnye metally; spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii. Pt.3. [Metallurgy of copper and lead] Metallurgiya medi i svintsa. 1957. 544 p. (MLRA 10:3) (Copper--Metallurgy) (Lead--Metallurgy)

FEL'DMAN, I.Ye.; KATEROVA, N.A.

Improving the quality of cathode copper. Standartizatsia 27
no.4831-34 Ap '63. (MIRA 16:4)
(Electrodes, Copper)

FEL'DMAN, I.Ye.; KATEROVA, N.A.

Increasing the recovery of nickel in electrolytic copper plants.
TSvet.met. 36 no.2:20-24 F '63. (MIRA 16:2)
(Copper—Electrometallurgy) (Nickel—Electrometallurgy)

FEL'DMAN, I.Ye.; KOSHELEV, A.G.; KATEROVA, N.A.

Automatically controlled electrolytic unit for use in experimental laboratories. TSvet. met. 36 no.5:80-81 My '63. (MIRA 16:10)

SHINSKIY, G.E.; MIKHAYLOVA, Ye.A.; SHEKHOVTSOVA, V.N.; FEL'DMAN, I.Ye.;
GABITOVA, R.G.; TELEGINA, K.A.

Experience with outpatient service in lupus erythematosus.
Sov. med. 27 no.1:151-153 Ja '64. (MIRA 17:12)

1. Ufimskiy kozhno-venerologicheskiy institut (direktor P.N.
Shishkin nauchnyy rukovoditel' G.E. Shinskiy, konsul'tant -
prof. N.S. Smelov).

FELD'MAN, Kh.

PA 190T98

USR/Radio - Wired Radio Centers

Jun 51

"The KRU-2 Wired Radio Center," Kh. Feld'man

"Radio" No 6, pp 18-23

Describes KRU-2 center consisting of receiver-amplifier, lightning arrester, charger (VE-2 wind-elec power unit for nonelectrified districts), and monitor speaker. Reception: 150-410, 520-1600 kc; 4.3-12.1 Mc. Receiver sensitivity: 200 μ v for long- and medium-wave bands; 500 μ v for short waves. Unit will drive 50 SG-1 electrodynamic speakers.

190T98

FEL'DMAN, Kh.

USSR/Radio - Wired Radio Centers

Dec 51

"Parts List for the KRU-2 Wired Radio Center,"
Kh. Fel'dman

"Radio" No 12, pp 26-29

The circuit and description of the KRU-2 wired
radio center was given in "Radio" No 6, 1951.
Current article gives a detailed description of
wire types, resistances, and number of turns for
transformers, chokes, tuning coils, etc.

208189

PA 236T41

USSR/Electronics - Radiofication
Wired Radio Center

Sep 52

"The KRU-10 Kolkhoz Wired Radio Center," Kn.

Fel'dman

"Radio" No 9, pp 20-24

"Radio" No 9, pp 20-24
The KRU-10 wired radio center, which is being produced by industry, can drive about 200 "Sever" loud-speakers. The KRU-10 includes the following: a receiving-amplifying unit, power pack, lightning-protection board, two lead-acid or alkaline storage batteries (each with 60 amp-hrs

capacity), a "sever" monitor speaker, head set, and spare parts. Receiver has long-, medium-, and short-wave bands.

PA 253T72

July 53

APPROVED FOR RELEASE
"The State All-Union Standard (GOST) for Amplifiers
of Wired Radio Centers," S. Pelevtsev and N. Ponomarev

Standards

USSR/Electronics - Wired Radio Centers

Radio, No 1, pp 20-22

Discusses GOST 5968-51 which divides amplifiers into three classes and gives permission to use each class to rated output power, rated efflux rate, input voltage, frequency band and waveform. The first class has low output power, rated efflux rate, low input voltage, frequency response, etc. The rated output power of the second class is 20 W, 2nd-class 800 W. The third class is not limited.

PA 236T42

Monday, July 31, 2000

CIA-RDP86-00513R0004128

USSR/Electronics - Wired Radio Centers Jan 53
Amplifiers Standards

"The State All-Union Standard (GOST) for Amplifiers
of Wired Radio Centers," S. Pekarskiy and Kh. Feidman

Radio, No 1, pp 20-22

Discusses GOST 5968-51 which divides amplifiers
into three classes and gives permissible values in
each class for rated output power, rated effective
input voltage, frequency band and variation in
frequency response, etc. The rated output power
of 3d-class amplifiers is 20 W; 2d-class, 800; while
that for 1st-class amplifiers is not limited.

253T72

FA 253T92

FEL'DMAN, KH.

Feb 53

USSR/Electronics - Television
Voltage Regulation

"Voltage Regulators for Television Receivers,"
V. Astaf'yev, Lyubertsy, Moscow Oblast and Kh.
Fel'dman, Moscow

Radio, No 2, pp 43-46

Describes a manual type of voltage regulator
based on the RAT-200/220 autotransformer for
the KVN-49 and the T-2 Leningrad receivers.
The first was developed by Astaf'yev and the
second, by Fel'dman.

253T92

PEL'DMAN, Kh. I.

Significance of roentgenologic investigation (irrigoroentgenoscopy)
in early diagnosis of invagination. Pediatrīia, Moskva no.5:40-43
Sept-Oct 1953. (CIML 25:5)

1. Of the Clinic for Children's Surgery (Head -- Prof. A. Ia. Sheftel')
of Kiev Medical Institute located at Hospital imeni M. I. Kalinin (Head
Physician -- A. P. Movchan).

FEL'DMAN, Kh. I.; ZABARA, R.I.

Significance of abdominal purpura in surgery in children. Khirurgia
no.2:33-38 F '54. (MLRA 7:5)

1. Iz kliniki khirurgii detskogo vospriyatiya (zaveduyushchiy - professor A.Ya.Sheftel') i kliniki infektsionnykh bolezney (zaveduyushchiy - professor A.V.Cherkasov) Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta im. akad. A.A.Bogomol'tsa (direktor - dotsent T.Ya.Kalinichenko) na baze detskoy klinicheskoy bol'nitsy im. M.I.Kalinina (glavnnyy vrach E.M.Fal'kovskaya).
(Purpura (Pathology)) (Abdomen--Diseases)

FIL'EMM, KH.. I.

"Invagination of the intestines in childhood." Surgical Department of the Hospital imeni M. I. Kalinin. Base of the Children's Surgical Clinic, Kiev Order of Labor Red Banner Medical Inst imeni Academician A. A. Bogomolets. Kiev, 1955. (Dissertations for the Degree of Candidate in Medical Science)

So: Knizhaya letopis', No. 16, 1956

FEL'DMAN, Kh. I., Cand Med Sci -- (diss) "Intestinal invagination ~~in~~ in childhood." Kiev, 1957. 22 pp (Kuybyshev State Med Inst), 200 copies (KL, 52-57, 112)

- 133 -

TEL'DMAN, Kh. I.

Intestinal invagination and acute appendicitis in children. Ped., akush.
(MIRA 13:1)
i gin. 20 no.1:33-34 '58.

1. Klinika khirurgii detskogo vozrasta (zav. - prof. A.R. Shurinik)
Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta
im. akad. A.A. Bogomol'tsa (direktor - dots. I.P. Alekseyenko) na
baze khirurgicheskogo otdeleniya bol'nitsy im. M.I. Kalinina (glavnnyy
vrach - V.A. Udintseva).
(APPENDICITIS) (INTESTINES--INTUSSUSCEPTION)

"APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000412820

FEL'DMAN, Khana Isayevich

[Invagination of the intestines in childhood] Invaginatsiya kishok v
detskom vozraste. Moskva, Medgiz, 1960. 166 p. (MIRA 14:8)
(INTESTINES—INTUSSUSCEPTION)

APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000412820C

FEL'DMAN, Kh.I., kand.med.nauk, (Kiyev, 57, Koval'skiy per.d.11,kv.5)

Intestinal obstruction in a child caused by evagination through a
fecal fistula. Nov. khir. arkh. no.3:91 My-Je '60. (MIA 15:2)

I. Kafedra khirurgii detakogo vozrasta (zav. - prof. A.R.Shurinok)
Kiyevskogo meditsinskogo instituta.
(INTESTINES--OBSTRUCTIONS) (FISTULA) (HERNIA)

SITKOVSKIY, N.B., kand.med.nauk (Kyiv, per. Mochnikova, d.4, kv.7); FEL'DMAN,
Kh.I., kand.med.nauk

Cysts of the mesentery of the small intestine in children. Vest.
(MIRA 15:3)
khir. no.8:92-94 '61.

1. Iz kliniki detskoj khirurgii (zav. - prof. A.R. Shurinok)
Kiyevskogo meditsinskogo instituta na baze gorodskoy detskoj
spetsializirovannoy bol'nitsy (gl. vrach - T.P. Novikova).
(MESENTERY--TUMORS)

FEL'DMAN, Kh.I., kand. med. nauk; PREYS, G.R.; DRACH, G.S.

Meckel's diverticulum and intestinal invagination. Kaz. med. zhur.
(MIRA 17:5)
no. 6: 57-58 '62.

1. Klinika khirurgii detskogo vozrasta (zav. - doktor med. nauk A.R. Shcurinok) Kiyevskogo meditsinskogo instituta na baze khirurgicheskogo otdela detskoy spetsializirovannoy klinicheskoy bol'nitsy (glavnnyy vrach - T.P. Novikova).

FEL'DMAN, Kh.I., kand. med. nauk; YABARA, R.I. (Kiyev, 57, Koval'skiy perenowy, 11, kv.5)

Cutaneous and gastrointestinal eruptions in abdominal purpura
(MIRA 18:5)
Vest. khir. 92 no.6:83-87 Je '64.

i. Iz kliniki khirurgii detskogo vozrasta (zav. - prof. A.R. Shurinck) Kiyevskogo meditsinskogo instituta na baze khirurgicheskogo otdeleniya spetsializirovannoy klinicheskoy bol'nitey (glavnnyy vrach - T.P. Novikova) i terapeuticheskogo otdeleniya bol'nitsy imeni Kalinina (glavnnyy vrach - V.A. Udintseva).

KHOMYAKOV, Yu.M.; GLADYSHEV, P.L.; TSYBULINA, Ye.V.; FATULIA, M.I.; RYVILIN,
Sh.M.; FEL'DMAN, Kh.I.; PANIN, G.A.; KAGANER, A.I.; GAZETOV, B.M.;
GORCHAKOV, I.

Brief information. Sov.med. 28 no.4:145-147 Ap '65.

(MIRA 18:6)

1. Fakul'tetskaya khirurgicheskaya klinika Chelyabinskogo meditsinskogo instituta (for Khomyakov, Gladshev).
2. Kafedra gospital'noy terapii Volgo-radskogo mediteinskogo instituta (for Tsybulina).
3. Khustekaya rayonnaya bol'nitsa Tukarskoy oblasti (for Fatula).
4. Pervaya bol'nitsa Orenkhovo-Zuyeva (for Ryvilen).
5. Klinika khirurgii detskogo vozrasta Kyevskogo meditsinskogo instituta (for Fel'dman).
6. Gospital'naya terapevticheskaya klinika i klinika otorinolaringologicheskikh bolezney Orenburg'skogo meditsinskogo instituta (for Panin).
7. leningradskaya oblastnaya klinicheskaya bol'nitsa (for Kaganer).
8. Khirurgicheskoye otdeleniye TSentral'moy klinicheskoy bol'nitsy Ireni Somashko Ministerstva putey soobshcheniya (for Garetov).
9. Kafeira organizatsii zdravookhraneniya i istorii meditsiny Saratovskogo meditsinskogo instituta (for Gorchakov).

OKUN', Lidiya Moiseyevna; FEL'DMAN, Kh.S., otvetstvennyy redaktor; NOVIKOVA, Ye.S., redaktor; HITTERGER, N.V., tekhnicheskiy redaktor

[TUB-100 radio relay apparatus for wire program distribution] Radio-transliatsionnaya apparatura provodnogo veshchaniia TUB-100. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1957. 57 p. (MLRA 10:9)
(Radio relay systems)

TSYMARNY, A., inzhener; KUSNAK, N., inzhener; VEL'DMAN, L., inzhener.

Use of laminated wood plastic in deadwood bearings. Mor. i rech. flob 13
no. 3:17-18 Jy '53. (MIRA 6:8)
(Bearings) (Wood, Compressed)

FEL'DMAN, L.

Ships - Fires and Fire Prevention

Design of automatic drive for sliding fireproof doors. Mor. flot 13, No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress
June 1953. UNCL.

YEL'DMAN, L., inzhener-konstruktor; KHALIF, S., brigadir razmetchikov.

Measuring the distance from the plumb line to the selected base
in centering machines and mechanisms on ships. Mor.1 rech.flot
14 no.2:29-30 F '54. (MLRA 7:1)
(Marine engineering)

FEL'DMAN, L.

FEL'DMAN, L.; RUSNAK, N.; GINZBURG, L.

Construction of permanent side shoring on floating docks.
Mor. 1 rech. flot 14 no. 7:30 J1 '54. (MLRA 7:7)
(Dry docks)

FEL'DMAN, L. A.

"Investigation of Stressed Joints With Transverse Wedge." Cand Tech Sci,
Odessa Polytechnic Inst, Min Higher Education USSR, Odessa, 1954. (KL, No 3, Jan
55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher
Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

25(5)

SOV/159-58-3-13/31

AUTHOR:

Starosel'skiy, A.A., and Fel'dman, L.A.

TITLE:

The Special Case of Calculating Stressed Wedge Joints

PERIODICAL:

Nauchnyye doklady vysshey shkoly, Mashinostroyeniye i priborostroyeniye, 1958, Nr 3, pp 82-90 (USSR)

ABSTRACT:

The magnitude of the calculated load in stressed wedge joints cannot be determined by simply summarizing the forces of the preliminary spanning and the external load, since the increase of forces with external loads depends on the ratios of the rigidity magnitudes of the parts to be connected. The authors present formulae for the magnitude of the residual spanning force, the magnitude of calculated load and the magnitude of preliminary spanning. The complicated configuration of such joint elements and the character of their deformed state present difficulties for solving the resilience of these elements by analytical methods. In this connection, experimental investigations were conducted, permitting the suggestion of simple empiric formulae for estimating the rigidity of wedge joint

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SOV/159-58-3-13/31

The Special Case of Calculating Stressed Wedge Joints

parts. The experimental arrangement is shown in figures 4 to 8, using a 20-ton tearing machine. The magnitudes of calculated deformations and the deviations from experimental results are shown in a table. There are 8 diagrams and 1 table.

This article was presented by the Kafedra "Nachertatel'naya geometriya" Odesskogo elekrotekhnicheskogo instituta svyazi (Chair "Descriptive Geometry" of the Odessa Electrical Engineering Institute of Communications)

SUBMITTED: February 27, 1958

Card 2/2

FEL'DMAN, L.A., inzh.

Designing keys for key joints considering the nonuniformity of
pressure distribution. Izv.vys.ucheb.zav.; mashinostr. no.11;
17-24 '60. (MIRA 14:1)

1. Odesskiy elektrotekhnicheskiy institut svyazi.
(Couplings)

FEL'DMAN, L.A., kand. tekhn. nauk

Determining the value of the static friction coefficient
at high pressures. Izv. vys. ucheb. zav.; mashinostr. no.8:
36-41 '65. (MIRA 18:10)

1. Odesskiy elekrotekhnicheskiy institut svyazi.

FEL'DMAN, L. B.

20134 FEL'DMAN, L. B. Fizioterapiya ognestrel'nykh pronikayu shehikh paneniy grudnoy kletki i ikh oslozhneniy. Vsb: Voprosy grudnoy khirurgii. T.P.M., 1949, s. 220-25

SO: LETOPIS ZHURNAL STATEY, Vol. 27, Moskva, 1949

Fel'dman, L. []
USSR/ Electronics - Television

Card 1/1 Pub. 89 - 18/27

Authors : Fel'dman, L.

Title : The "Temp" television receiver

Periodical : Radio 1, 40-44, Jan 1955

Abstract : A description is given of the "Temp" television receiver, which contains 21 tubes, the 4OLK1B picture tube and a 12½-inch screen. The receiver can be tuned in on any program and is highly sensitive. Figures are presented to express the sharpness of the image. Voltages of 110, 127 and 220 may be used. Detailed technical data are given for the construction and functioning of the receiver. Illustrations; schematic diagrams; table.

Institution :

Submitted :

[Handwritten signature] [Signature] AID P - 4396

Subject : USSR/Radio

Card 1/1 Pub. 89 - 5/11

Author : Fel'dman, L.

Title : The "Temp" television set

Periodical : Radio, 3, 35-39, Mr 1956

Abstract : The new "Temp-2" set is an improvement over the original "Temp", and the author stresses the design changes and additional parts included in this new set. Coils and cable data are presented in a table. A schematic layout of the set is shown. Four diagrams.

Institution : None

Submitted : No date

PA - 2821

AUTHOR FEL'DMAN L.D., YUDICH M.Z.
TITLE On Television Spiral Development. (O televizionnoy spiral'noy
razvёртке.- Russian.)
PERIODICAL Radiotekhnika 1957, Vol 12, Nr 3, pp 25 - 30 (U.S.S.R.)
Received: 5/1957 Reviewed: 6/1957
ABSTRACT Five different spiral developments are described. Some are
used by the French firm "Laboratoire Derveaux", two of them
are suggested here for the first time. The task to be performed
is a distinct reproduction of the central part of the picture.
In the developments described here signe curves of 17,15 kHz
are used. This number has been chosen with respect to the
division 7:7:7 and in order to secure a maximum distinctness.
Experimental and theoretical investigations lead to the con-
clusion that spiral development will be used in television
apparatus. New specific possibilities for the application of
this method are pointed out:
1.) Reproduction of pictures of rotating objects. If the
picture of the rotating object is transmitted and the rotor
of the phase shifter in the reception part is allowed to run at

CARD 1/2

PA - 2821

On Television Spiral Development.

the same angular velocity in the opposite direction, the picture on the screen appears to be motionless. This property will allow the system to be used in rockets and space ships.
2.) Velocity measurement. In a radio connection between two objects, of which one is moves at a sufficiently high velocity (e.g. rockets) a frequency modification in the filling up of the saw-toothgaps (of the modulating oscillations) in consequence of the Doppler effect is observed, provided that the developing signal is switched into the transmission of the latter. This corresponds to a rotation of the picture at the point of reception. The velocity can be judged by the angle of rotation.
(With 8 illustrations and 2 citations from Slav publications.)

ASSOCIATION: not given.

PRESENTED BY: -

SUBMITTED: 11. 1. 1956.

AVAILABLE: Library of Congress.

CARD 2/2

STEPANYAN, Mikhail Armenakovich; YEL'DMAN, L.D., red.; SINKL'NIKOVA,
TS.B., red.; MAMONTOVA, N.N., tekhn.red.

[For the buyer of a television set] Pokupatelju o televizorakh.
Pod red. L.D.Yel'dman. Moskva, Gos.izd-vo torg.lit-ry, 1960.
84 p. (MIRA 13:?)

(Television--Receivers and reception)

FEL'DMAN, Lev Davidovich; SHENDEROVICH, A.M., red.; LARIONOV, G.Ye., tekhn.
red.

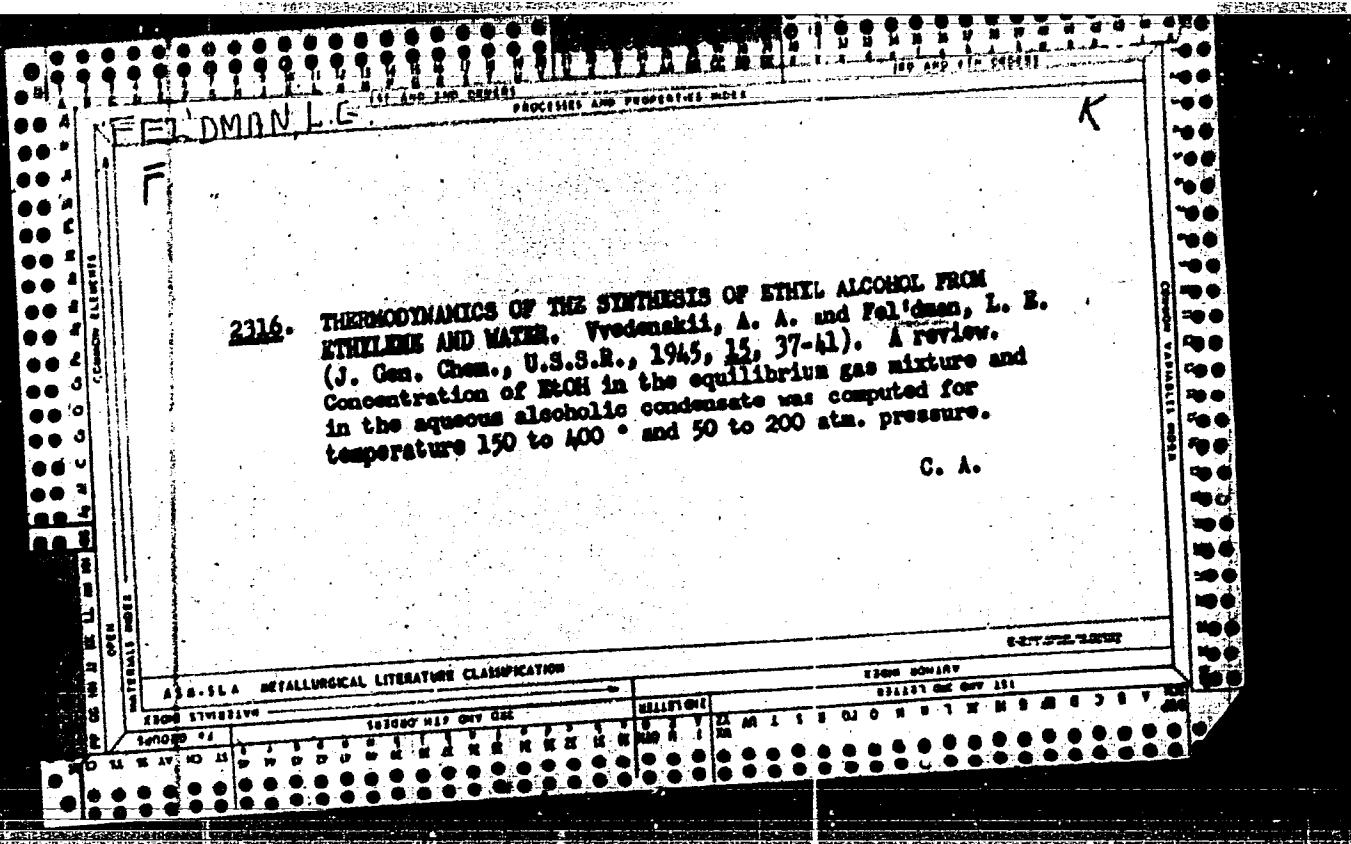
[Television and its operation; television circuit] Kak rabotaet televizor; skhemnye osobennosti televizorov. Moskva, Gos. energ.izd-vo, 164 p. (Massovaia radiobiblioteka, no.405) (MIRA 14:11)
(Television)

FEL'DMAN, Lev Davidovich; SHENDEROVICH, A.M., red.

[How a television receiver operates; circuitry of television receivers] Kak rabotaet televizor; skhemnye osobennosti tele-vizorov. Izd.2. Moskva, Izd-vo "Energiia," 1964. 172 p.
(Massovaia radiobiblioteka, no.503) (MIRA 17:4)

FEL'DMAN, Lev Davidovich; SHUMIKHIN, Yu.A., red.

[Television reception] Televizionnyi priem. Moskva,
Energiia, 1965. 207 p. (Massovaia radiobiblioteka,
no.565) (MIRA 18:8)



3(5), 15(6) PHASE I BOOK EXPLOITATION

SOV/1645

Apel'tsin, F. R. and L. G. Fel'dman

Geologiya mestorozhdeniy redkikh elementov. vyp. 2: Kolumbitonosnyye granity
(Geology of Rare Element Deposits. no. 2: Columbite-Bearing Granites)
Moscow, Gosgeoltekhnizdat, 1958. 48 p. 5,000 copies printed.

Sponsoring Agency: Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo
syr'ya.

Eds.: A. I. Ginsburg and S. V. Ovchinnikova; Tech. Ed.: T. A. Averkiyeva;
Editorial Board: A. I. Ginsburg (Chief Ed.), I. I. Malyshev, G. G. Rodinov,
V. P. Fagutov, N. A. Khrushchov, Yu. L. Chernosvitov, I. V. Shmanenkov,
V. V. Shcherbina, and M. A. Egyeles.

PURPOSE: This booklet is intended for geologists, mining engineers and other
specialists connected with columbium (niobium) mineral mining.

Card 1/3

Geology of Rare Element Deposits

SOV/1645

COVERAGE: This booklet provides a general, non-technical treatment of columbium materials and, more specifically, of the columbite-bearing granites of Northern Nigeria. Detailed descriptions of the various columbite-bearing minerals and deposits are given and amplified by charts and tables. Physical descriptions of the Northern Nigerian fields are also included. Of especial interest is the authors' contention, in the Introduction, that the US is stockpiling, as strategic commodities, niobium and tantalum minerals. The authors state that the US purchased in the period 1943-1952 some 68 percent of the production of all capitalist countries and continues to purchase over 80 percent of the production of Northern Nigeria. During this period, US native production averaged only one ton per year even though this country possesses significant resources of these minerals, especially in Arkansas. There are 19 references, of which 12 are English, 6 American and 1 Soviet.

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